


Olfactory receptor neuron (ORN) axotomy assay

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 An abbreviated version of this protocol was published in eLIFE in Aug 2017

A novel *Drosophila* injury model reveals severed axons are cleared through a Draper/MMP-1 signaling cascade

DOI: [10.7554/eLife.23611](https://doi.org/10.7554/eLife.23611)

Detailed protocol

Please see Chapter 24 written by Sean Speese and Mary Logan called "In Vivo Analysis of Glial Immune Responses to Axon Degeneration in *Drosophila melanogaster*" which has the detailed protocol for ORN axotomy and downstream steps for dissection, staining, and imaging.

Related files

 2020_Book_AxonDegeneration.pdf



How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Purice, M. (2020). Olfactory receptor neuron (ORN) axotomy assay. Bio-protocol Preprint. bio-protocol.org/prep625.
2. Purice, M. D., Ray, A., Münzel, E. J., Pope, B. J., Park, D. J., Speese, S. D. and Logan, M. A. (2017). A novel *Drosophila* injury model reveals severed axons are cleared through a Draper/MMP-1 signaling cascade. eLIFE. DOI: [10.7554/eLife.23611](https://doi.org/10.7554/eLife.23611)

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